

Title (en)  
RACK HOIST

Title (de)  
ZAHNSTANGENAUFZUG

Title (fr)  
ASCENSEUR A CREMAILLERE

Publication  
**EP 1023237 A1 20000802 (DE)**

Application  
**EP 98947232 A 19981013**

Priority  
• AT 9800242 W 19981013  
• AT 175297 A 19971015

Abstract (en)  
[origin: WO9919244A1] The inventive rack hoist has a vertical mast (1) and a platform (3) which can travel along said mast. The platform (3) carries an electromotor which drives a cog, said cog engaging with the rack of the mast (1). The electromotor (6) is controlled by a control device (8) which is carried by the platform (3) and which is configured for both a transportation platform operating mode and a building hoist operating mode, the travelling speed of the platform being greater in the building hoist operating mode than in the transportation platform operating mode. The control device (8) can be switched between these two operating modes by means of a switching device (12) carried by the platform (3). This provides the option of using the hoist as a building hoist or as a transportation platform without introducing construction modification difficulties or safety concerns.

IPC 1-7  
**B66B 9/187**

IPC 8 full level  
**B66B 9/187** (2006.01)

CPC (source: EP)  
**B66B 9/187** (2013.01)

Cited by  
US11821223B2

Designated contracting state (EPC)  
AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**WO 9919244 A1 19990422**; AT 407376 B 20010226; AT A175297 A 20000715; AT E201183 T1 20010615; DE 59800738 D1 20010621; EP 1023237 A1 20000802; EP 1023237 B1 20010516

DOCDB simple family (application)  
**AT 9800242 W 19981013**; AT 175297 A 19971015; AT 98947232 T 19981013; DE 59800738 T 19981013; EP 98947232 A 19981013